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PATENT ABSTRACTS OF JAPAN(21) Application number: **2000063862**(51) Intl. Cl.: **A61B 8/06 A61B 8/14**(22) Application date: **08.03.00**

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**(54) ULTRASONIC
IMAGING METHOD AND
ULTRASOUND
DIAGNOSTIC APPARATUS**

(57) Abstract:

PROBLEM TO BE SOLVED: To image an ultrasonic image which enables observation of the behavior of a contrast medium attributed to a heart beat.

SOLUTION: An ultrasonic wave is transmitted with the intensity thereof enough to vanish a contrast medium to the whole or a part of a number of sound rays forming one frame to generate one frame of ultrasonic image from a received signal corresponding thereto. At this point, the transmission of the ultrasonic wave is repeated at timings D1, D2, etc., being shifted by a specified value (including 0) from natural number times the cycle of heart beat while varying the specified value bit by bit. The subject is administered continuously with the contrast

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medium. The behavior of the contrast medium can be preferably observed in a different time phase during the period of one heart beat.

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